| <br> | Claims |  |
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| Application/Control N | 10. |
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10/678,249 Examiner

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Applicant(s)/Patent under Reexamination
YEAGER ET AL.

Art Unit

Duc Truong

1711

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(Through numeral)
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Interference

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|          | aim      | n Date                                   |              |  |   | Claim Date |                         |          |          |          |          |          |          |  | 7       | Claim Date |                     |          |               |     |          |          |          |          |          |          |        |                    |               |
|----------|----------|--|--------------|--|---|------------|-------------------------|----------|----------|----------|----------|----------|----------|--|---------|------------|---------------------|----------|---------------|-----|----------|----------|----------|----------|----------|----------|--------|--------------------|---------------|
| 01       | <u> </u> |  |              |  |   |            |                         |          |          |          |          |          |          |  | ┨       |            | A1111               | Date T   |               |     |          |          |          |          |          |          |        |                    |               |
| Final    | Original | 11/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1 | 8/9//3       | .  |   |            |                         |          |          |          | Final    | Original |          |  |         |            |                     |          | :             |     | Final    | Original |          |          |          |          |        |                    |               |
| -        | 1        | 7  | $\mathbf{f}$ | -+   | +   | ╁          | $\dashv$                | $\dashv$ | +        | $\dashv$ |          | 51       | $\vdash$ | +  | +       | +          | H                   | $\dashv$ | +             | ┨   | <u> </u> | 101      |          |          | -        | $\dashv$ |        | _                  | +             |
|          | 2        |  | *            | $\neg$   | T   | 7          | Ì                       | Ì        | 7        | ╗        |          | 52       |          | $\neg$   | 十       | 1          |                     |          |               | 1   |          | 102      |          |          |          | $\neg$   |        |                    | 十             |
|          | 3        | 1  | 1            | 7  | $\dashv$  | $\neg$     | T                       |          | 7        | _        |          | 53       | Ħ        | _  | $\top$  | $\dagger$  | 1                   |          |               | 1   |          | 103      |          |          |          | 寸        |        | $\overline{\cdot}$ | $\neg \vdash$ |
|          | 4        | 11                                       | #            | _  |   | _          |                         | T        |          | ┪.       |          | 54       | $\Box$   | 十  | ╅       | 1          | П                   | ヿ        |               | 1   |          | 104      |          |          |          | _        |        |                    | 十             |
|          | 5        | $\Box$                                   | 1            | 十  | 7   | $\dashv$   | 7                       |          | _        | _        |          | 55       |          | _  | 十       | 1          | П                   | 寸        |               | 1   |          | 105      |          |          |          |          |        | $\neg$             | 十             |
| <b> </b> | 6        | 11                                       | 11           | 十  | $\exists$   | +          | $\dashv$                |          | $\dashv$ | ╡        |          | 56       |          | _  | +       | +-         | $\vdash$            | $\dashv$ |               | 1 . |          | 106      | $\dashv$ |          |          | T        | 一      |                    | +             |
| $\vdash$ | 7        | H  | V            | $\dashv$                                       | 1   | $\dashv$   | -                       | 寸        | _        | -        |          | 57       | $\vdash$ | $\dashv$   | $\top$  | +-         | Н                   | $\dashv$ | $\neg$        | 1   |          | 107      | _        |          |          | _        | $\neg$ | _                  | -             |
|          | 8        | 11                                       | #            | 十  | ╅   | $\top$     | $\dashv$                |          | $\dashv$ | ┨        |          | 58       | $\vdash$ | $\top$   | $\top$  | +          | $\vdash$            | 寸        | -             | 1   | $\vdash$ | 108      |          |          |          | _        |        | _                  | +             |
|          | 2        | Н  | *            | $\top$   | $\dashv$  | $\dashv$   | $\dashv$                | $\dashv$ | _        | $\dashv$ |          | 59       |          | $\dashv$   | ╅       | +-         | Н                   | $\dashv$ | $\dashv$      | 1   | $\vdash$ | 109      | $\neg$   |          |          |          |        | -                  | $\dashv$      |
| <u> </u> | 10       | H  | 7            | $\dashv$                                       | T   |            | T                       | 一        | 7        | _        | _        | 60       | $\Box$   | 1  | $\top$  | 1          | H                   | _        | _             | 1   | <u> </u> | 110      |          |          |          |          |        |                    | _             |
|          | 11       |  | *            | $\dashv$                                       | _†  | 十          | $\dashv$                | ᅥ        | _        | $\dashv$ |          | 61       | $\vdash$ | $\top$   | $\top$  | 1          | $\Box$              | _        | $\dashv$      | 1   |          | 111      | $\dashv$ |          |          | Ţ        |        | 1                  | $\top$        |
|          | 12       | H  | *            | $\dashv$                                       | $\dashv$  |            | 寸                       | ᅥ        | _        | $\neg$   |          | 62       | $\vdash$ | $\dashv$   | $\top$  | $\top$     | $\vdash$            | $\dashv$ | $\dashv$      | 1   |          | 112      |          |          |          | -        |        |                    | +             |
|          | 13       |  | 7            | $\dashv$                                       | $\dashv$  | $\dashv$   | $\dashv$                |          | $\dashv$ | $\neg$   |          | 63       | $\vdash$ | $\dashv$   | $\top$  | T          | Н                   | $\dashv$ | $\dashv$      | 1   |          | 113      | $\dashv$ |          | $\vdash$ |          | _      | $\dashv$           | $\dashv$      |
|          | 14       | +  | 1            | $\dashv$                                       | +   | $\dashv$   | $\dashv$                | ᅱ        | _        | $\dashv$ |          | 64       | $\vdash$ | $\neg$   | $\top$  | †-         | $\vdash$            | _        | $\neg \vdash$ | 1   |          | 114      | $\neg$   | $\Box$   |          | $\dashv$ | $\neg$ | 寸                  | $\dashv$      |
|          | 15       | #  | ۲Ť           | $\dashv$                                       | 7   | $\dashv$   | 7                       | 一        | 十        | ┨        |          | 65       | $\vdash$ | 十  | $\top$  | 1          | Н                   | _        |               | 1   |          | 115      |          |          |          | 一        |        | _                  | +             |
|          | 16       |  | H            | $\top$   | $\dashv$  | $\dashv$   | T                       | 一        | $\dashv$ | 7        |          | 66       | $\sqcap$ | $\top$   | $\top$  | T          | П                   | 一        |               | 1   |          | 116      | $\neg$   |          |          | $\neg$   |        | 一                  | $\top$        |
|          | 17       |  | Ħ            | 寸  | T   | Ť          | T                       | コ        | T        | 7        |          | 67       | $\Box$   | $\top$   | T       | 1          | П                   | $\neg$   | -             |     |          | 117      |          |          |          | T        |        |                    | $\neg$        |
|          | 18       |  | Ħ            | 寸  | 7   | Ť          | T                       | T        | 1        | 1        |          | 68       |          |  | T       |            |                     |          |               | 1   |          | 118      |          |          |          |          |        |                    | $\neg$        |
|          | 19       |  | 11           | 寸  | T   |            | 寸                       | 寸        | T        | 7        |          | 69       |          | $\top$   | 7       | 1          |                     | _        |               | 1   |          | 119      |          |          |          | $\neg$   | _      | $\neg$             | 十             |
|          | 20       |  | 71           | 寸  | T   | T          | 寸                       | コ        | T        | 7        |          | 70       |          | $\top$   | $\top$  |            |                     | 寸        |               | 1   |          | 120      |          |          |          | $\neg$   |        |                    | $\neg$        |
|          | 21       |  | 71           |  | $\neg$  |            | 寸                       | $\neg$   |          | 7        |          | 71       |          | 7  |         |            |                     |          |               | 1   |          | 121      |          |          |          |          |        |                    |               |
|          | 22       |  | 11           |  |   | T          | T                       | コ        | T        | _        |          | 72       |          | $\neg$   | 十       |            | П                   | 一        |               | 1   |          | 122      |          |          |          | T        |        |                    | $\neg$        |
|          | 23       |  | 11           | $\neg \uparrow$                                | T   |            | $\dashv$                | $\neg$   | $\neg$   | _        |          | 73       |          | 丁  | ┪       | 1          | П                   |          |               | 1   |          | 123      |          |          |          |          |        |                    |               |
|          | 24       |  | 11           | $\top$   | T   | $\neg$     | $\neg$                  | ヿ        |          |          |          | 74       | $\Box$   | 1  | 1       | $\top$     | П                   | $\neg$   |               | 1   |          | 124      |          |          |          | T        |        | T                  | $\neg$        |
|          | 25       |  | П            |  | T   |            | ヿ                       | 一        |          | 7        |          | 75       | П        | 丁  | 1       |            | П                   | $\neg$   |               | 1   |          | 125      |          |          |          |          |        |                    | T             |
|          | 26       | J  | J            | T  | $\neg$  |            | 寸                       | Ī        | Ì        | 7        |          | 76       |          |  | 1       | 1          |                     |          |               | 1   |          | 126      |          |          |          |          |        |                    | T             |
|          | 27       |  | N            | 丁  | T   | T          | 一                       |          | Î        | 7        |          | 77       |          | 1  | T       |            | П                   |          |               | 7   |          | 127      |          |          |          |          |        |                    | $\neg$        |
|          | 28       |  | 7            |  |   |            | $\neg$                  | Î        |          | 7        |          | 78       | П        |  | T       |            | П                   |          |               | 1   |          | 128      |          |          |          |          |        |                    |               |
|          | 29       |  | 7            | Т  | $\neg$  |            | $\neg$                  |          |          | 7        |          | 79       |          |  | T       |            | П                   | T        |               | 1   |          | 129      |          |          |          |          |        |                    | T             |
|          | 30       | 1  | ,            | T  |   |            |                         |          |          | 7        | 7        | 80       |          | T  | Т       | Τ          | П                   | T        |               | 1   |          | 130      |          |          |          | $\neg$   | $\neg$ |                    | $\neg$        |
|          | 31       | LT                                       | П            | Т  |   | Т          | Т                       |          |          | 7        |          | 81       |          |  | $\top$  | Т          | П                   |          |               | 1   |          | 131      |          |          |          |          |        |                    | $\neg$        |
|          | 32       |  | V            |  |   |            |                         |          |          | ]        |          | 82       |          |  |         |            |                     |          |               | ]   |          | 132      |          |          |          |          |        |                    |               |
|          | 33       | N  | N            |  |   |            |                         |          |          |          |          | 83       |          |  |         |            |                     |          |               | ]   |          | 133      |          |          |          |          |        |                    |               |
|          | 34       | J  | <b>1</b>     | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$ | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $\Box$     | $oxed{J}$               | J        |          | _        |          | 84       |          | $oldsymbol{\mathbb{L}}$  | ⊥       |            | $\Box$              | $\Box$   |               | 1   |          | 134      | [        |          |          |          |        |                    | $\Box$        |
|          | 35       |  | Ы            |  | $oldsymbol{ol}}}}}}}}}}}}}}}$ |            |                         |          |          |          |          | 85       |          |  |         |            | $\Box$              |          |               | 1   |          | 135      |          |          |          |          |        |                    | $oxed{J}$     |
|          | 36       | N  | N            | $\perp$  | $\perp$   |            | $oldsymbol{\mathbb{I}}$ |          | $\Box$   |          |          | 86       |          | $\perp$  |         |            | LΙ                  |          |               | ]   |          | 136      | $\Box$   |          |          |          |        |                    |               |
|          | 37       |  | $\perp$      | $\perp$  | $\perp$   | $\perp$    | $\perp$                 | $\Box$   |          |          |          | 87       |          | $\perp$  | $\perp$ |            |                     |          |               | Ţ   |          | 137      | ]        |          |          |          |        | $\Box$             | $\Box$        |
|          | 38       | $\Box$                                   | $\perp$      | I  | $\perp$   |            | ightharpoons            |          | $\bot$   |          |          | 88       |          | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | T       |            |                     |          |               | 1   |          | 138      |          |          |          |          |        |                    | $\Box$        |
| <u></u>  | 39       | $\Box$                                   | $\perp$      | _  | $\perp$   |            | $\perp$                 |          | $\perp$  | _        | L        | 89       |          | $\perp$  | L       |            | Ш                   |          |               | 1   |          | 139      |          |          |          |          | _]     |                    |               |
| <u></u>  | 40       | Щ  | $\perp$      | $\perp$  | _   | $\perp$    | _                       | _        | _        | 4        | L        | 90       |          | $\perp$  | _       | _          | Ш                   |          |               | 1   |          | 140      | _        |          |          |          |        |                    | $\bot$        |
| L        | 41       | $\Box$                                   | $\perp$      | $\perp$  | $\perp$   | $\perp$    | $\perp$                 |          | $\perp$  | _        | <u></u>  | 91       | $\Box$   | _  | $\perp$ | 1          | Ш                   |          |               | 1   |          | 141      | _        |          |          |          |        |                    | $\bot$        |
| <u> </u> | 42       | $\Box$                                   | $\bot$       | $\bot$   | $\dashv$  | _          | 4                       | _        | _        | Ц.       | <u></u>  | 92       | $\sqcup$ | _  | 4       | 1          | Ш                   | ↓        |               | 1   | <u></u>  | 142      |          |          |          | _        |        | $\Box$             |               |
|          | 43       | $\dashv$                                 | _            | +  | $\perp$   | 4          | 4                       | _        | _        | 4        | $\vdash$ | 93       | $\dashv$ | _  | $\bot$  | $\bot$     | $\sqcup \downarrow$ | _        | _             | 1   | <u></u>  | 143      | _        | _        |          | _        | _      | _                  | $\dashv$      |
| <b></b>  | 44       | +  | -            | -  | +   |            | +                       | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$ | 94       | $\dashv$ | +  | +       | +          | $\vdash$            | _        |               | 4   | <u></u>  | 144      | _        | _        | _        | _        | _      | $\dashv$           | +             |
| <u> </u> | 45       | $\dashv$                                 | +            | -  | +   | +          | +                       |          | +        | -        | $\vdash$ | 95       | $\dashv$ | +  | +       | +          | $\vdash \downarrow$ |          | _ _           | 1   | <u> </u> | 145      |          |          | _        |          | _      | _                  | $\dashv$      |
| <u> </u> | 46       | $\dashv$                                 | +            | +  | 4   | +          | +                       | 4        | $\dashv$ | -        | <u> </u> | 96       |          |  | +       | +-         | $\vdash \vdash$     |          |               | 1   | <b></b>  | 146      |          | $\dashv$ | _        | _        |        | $\dashv$           | -             |
|          | 47       | -  | +            | +  | +   | +          | $\dashv$                | $\dashv$ | $\dashv$ |          | <u> </u> | 97       | $\vdash$ | +  | +       | +          | $\vdash$            | $\dashv$ | $ \vdash$     | 1   | <u></u>  | 147      | _        |          | _        | _        | _      | _                  | +             |
| <u> </u> | 48       | +  | +            | +  | +   | +          | 4                       |          | -        | 4        | <u> </u> | 98       | $\vdash$ | +  | +       | +-         | $\vdash$            | $\dashv$ |               | -   | <b></b>  | 148      |          |          |          |          | -      | -4                 | +             |
|          | 49       | +  | +            | -  | +   | +          | +                       | 4        | -+       | $\dashv$ |          | 99       | -        | +  | +       | +          | $\vdash$            | $\dashv$ |               | -   |          | 149      | _        | _        |          | _        | _      | _                  | -             |
| Щ        | 50       |  | $\perp$      |  |   | ㅗ          |                         |          |          |          | ш        | 100      | L        |  |         |            | ш                   |          |               | J   | Щ        | 150      | 1        |          |          |          |        |                    |               |